

Invitation of quotation
for
Computerized Spirometry System
At

All India Institute of Medical Sciences, Jodhpur

Inquiry No.: : Admin/Gen/61-05/2021-AIIMS.JDH

Inquiry Issue Date : 27th July, 2021

Last Date of Submission : 2nd August, 2021 at 03:00 PM.



All India Institute of Medical Sciences, Jodhpur

Basni Phase - II, Jodhpur – 342005, Rajasthan

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**Invitation of quotation for Computerized Spirometry System at
AIIMS Jodhpur**

Sealed Quotations are hereby invited by the undersigned on behalf of the Director, AIIMS Jodhpur for Computerized Spirometry System for the Institute as per terms & conditions mentioned below. The filled quotations along with all the required document must reach in the office of the undersigned on or before 02.08.2021 03.00 PM. The Envelope containing the quotation would please be sealed and super scribed as under:-

**“QUOTATION FOR COMPUTERIZED SPIROMETRY SYSTEM
AGAINST INQUIRY NO. ADMIN/GEN/61-05/2021-AIIMS.JDH” DUE
ON 02.08.2021 03.00 PM”**

1. Terms & Conditions:

- A) The quotations received after this deadline & unsealed shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. **The offer Submitted Fax/Email shall not be considered and no correspondence will be entertained in this matter.**
- B) Quotations must be in the enclosed prescribed Performa on the letter head of the firm duly signed by the Proprietor/ Partner/ Director or their authorized representative, In case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation. Quotation must be dropped in “**Quotation Box**” located in Administration Block of AIIMS, Jodhpur.
- C) Rates must be quoted in **Indian rupees** and as per the format specified taxes extra if any must be written separately.
- D) Rates must be quoted FOR basis (including Freight charges, Insurance, installation etc.)
- E) No overwriting or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
- F) The rates quoted must be valid for 60 days minimum from the date of opening of the quotation and silence of any tendered on this issue shall be treated as agreed with this condition.
- G) Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
- H) RTGS/NEFT details need to be furnished by the supplier with the quotation on the letter head of supplier/firm/agency.
- I) The firm/agency may satisfy the following conditions and attach self-attested copy of the same with the quotation:
- Firm shall be registered with the Government of Rajasthan / Central Government.
 - The firm shall have valid GST/Other taxes and IT PAN.
 - **The firm should not be black listed by any Govt. Agency/Dept.**
- J) Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and

INQUIRY NO. Admin/Gen/61-05/2021-AIIMS.JDH

rejected accordingly. Any conditional quotation shall be rejected summarily.

- K) **Delivery Period** – within 30 days from Purchase order.
- L) **Liquidated Damage:** - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- M) **Payment Terms:** Payment will be only after satisfactorily delivery / commissioning of material and after inspection by the AIIMS Jodhpur.
- N) **Disputes:** -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Jodhpur with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to the Director, AIIMS Jodhpur whose decision will be final and binding upon the contractor.
- O) AIIMS, Jodhpur reserves the right to increase or decrease quantity and / or amount of work. Decision of Quantity of material in the AIIMS, Jodhpur will be final in this regard.
- P) AIIMS, Jodhpur reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of the AIIMS, Jodhpur will be final in this regard.

2. Special Terms & Conditions:

- a) **Bidder must quote the product as per specification provided in Annexure 1.**
- b) **Catalog must be attached with quotation for technical evaluation.**
- c) **The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.**

Deputy Director (Admin.)

Encl.: Annexure 1 (Specification)
Annexure 2 (Format of price bid)

Annexure 1

S.No.	Particulars	Qty.
1	Computerized Spirometry System	01 Nos

Technical Specifications of Computerized Spirometry System

1. The system should be supplied with: Flowmeter with communication cable, Spirometry software DVD, 4x reusable sensor with plastic mouthpiece, noseclip, carry case, Spiro USB convertor and 14/15 Inch Workstation moveable.
2. The flow measurement should be screen type Pneumotach.
3. The Volume measurement should be with flow integration.
4. The Flow range should be up to 16 Litres / second (expire / inspire).
5. The Volume range should be 0.025 ml to 8 Litres (BTPS).
6. The Flow accuracy should be 3% +- of the readings (25 degree C).
7. The Volume accuracy should be 2% +- of the readings.
8. The Measurement time should be 0-30 seconds.
9. The Flow resistance should not be more than 79 Pa L/sec.
10. The device should be light weight, not more than 3.2 kgs.
11. The sampling frequency should be 1000 Hz.
12. The graph scale / interpretation should meet ATS / BRS standards.
13. The device should have Automatic Interpretation.
14. The device should be ISO / European CE / International standards

BTPS correction	automatic
Inspire/Expire	yes/yes
Forced spirometry	FVC, FEV0.75, FEV1, FEV3, FEV6, PEF, FEV0.75/FVC, FEV1/FVC, FEV3/FVC, FEV6/FVC, FEV0.75/VC, FEV1/VC, FEV3/VC, FEV6/VC, PIF, FIVC, FIV1, MEF75, MEF50, MEF25, FEF75, FEF50, FEF25, MMEF, FET25, FET50, MIF75, MIF50, MIF25, PEFT, FIF50, FEF50/FIF50, FEF50/VC, FEV0.75/FEV6, FEV1/FEV6, FIV1/FIVC, VEXT, Lung age, Aex, FEF25-75, VEXT, T0/PEF, T200/PEF, VEXT/FVC
PRE/POST broncho-challenge test	yes
Relaxed spirometry	SVC, ERV, IRV, TV, IC, IVC

INQUIRY NO. Admin/Gen/61-05/2021-AIIMS.JDH

Maximum voluntary ventilation	MVV, MVVf, MRf
Predictive values	ECCS 1983, ECCS/ERS 1993, Zapletal 1977, Roca, Barcelona 1986, NHANES III 1999, Knudson 1983, Knudson 1976, ITS 1984, Crapo 1981, Lam 1982, Pereira 1996, Gore 1995, GLI 2012, Hou Shu 1990, Jia Ju-cai 1990, Sun Bin 1990, Liu Shi-Wan 1990, Liu Guo-Hua 1990, Zhu Xi 1990, Wu 1961, Ip 2006, Polgar 1979, Wang Yang 2013, Perez Padilla 2003, Platino 2006, PDPI 1992, Thai 2000
Interpretation	ATS, BTS, Enright, GOLD, ATS+GOLD
Child Incentive	yes
Flow range (litres/s)	16 l/s (inspire/expire)
Accuracy (50 ml/s to 16 l/s)	± 5% or 50 ml (whichever is greater)
Volume ranges (litres)	0.025 to 8 litres
Accuracy (0.025 to 8 l)	± 3% or 50 ml (whichever is greater)
Flow resistance	< 79 Pa / l/s
Temperature sensor	+ 10°C to + 40°C
Temperature sensor accuracy	± 2%
Relative humidity sensor	0 to 100% RH
Humidity sensor accuracy	± 4% for 25°C, 30%-80% RH
ADC resolution	15 bits
Sampling frequency	1000 Hz

Standard accessories:

1. Flowmeter with communication cable
2. Spiro metric sensors with plastic mouthpieces: 4 no's
3. 14/15 Inch Workstation moveable, Spirometry software DVD
4. Nose Clip:1 no's
5. Carry case
6. Spiro USB Convertor
7. Calibration syringe, 3 litres

Note:-

- **Warranty : Three Years Warranty**
- **Proposed CMC rates to be mentioned in quotation separated which will not be included in quotation amount but can start after warranty completion.**
- **The supplier may be asked to arrange demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.**

[On the letterhead of firm]

ANNEXURE "2"
PRICE BIDFORM

To,
The Deputy Director (Admin.),
AIIMS, Jodhpur.

Dear Sir,

1. I/We Submitted the quotation for Enquiry No. "QUOTATION FOR COMPUTERIZED SPIROMETRY SYSTEM AT AIIMS AGAINST THE INQUIRY NO. ADMIN/GEN/61-05/2021-AIIMS.JDH" DUE ON 02.08.2021 03.00 PM for Computerized Spirometry System at AIIMS Jodhpur".
2. I/We thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
3. I/We hereby offer to supply at the following rates.

S. No	Particular	Qty.	Quoted Make	Price/Unit Exclusive of GST (INR)	GST/Other Taxes	Price/ Unit Inclusive of GST (INR)	Total Cost Inclusive of GST (INR)	MRP
1	Computerized Spirometry System	1						

Note:-

1. **The Bidder must quote single Make.**
2. The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be **REJECTED**.
3. Catalog must be attached with quotation for technical evaluation.
4. The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

Date _____

(Name) _____

Place _____

Name of Firm/Company/Agency _____

GSTIN No.: _____

Bank Name:- _____

Bank Account No.: _____

IFSC Code:- _____

Branch Name: _____

Phone No. _____

Email: _____

(Signature of Authorized Person) _____

Seal: _____